



Att'y Dkt. No.: 100848.0074US1

RECEIVED  
APR 21 2003  
TECH CENTER 1600/2900

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231

Inventor: **Hong, Zhi et al.**

Serial No: **09/904,248**

Filed: **July 11, 2001**

For: **Rapid Generation of Diverse  
Nucleoside and Nucleotide Libraries**

Examiner: **Teresa D. Wessendorf**

Art Unit: **1639**

**RESPONSE TO OFFICE ACTION**

The Honorable Commissioner  
of Patents and Trademarks  
Washington, D.C. 20231

Dear Sir:

This paper responds to the Office Action dated January 15, 2003. Please enter the following:

**IN THE CLAIMS**

21. A method of generating a nucleoside library comprising a plurality of modified mononucleosides, comprising:  
providing a first nucleoside and a second nucleoside, each having a reactive group and each being coupled to a solid support; and  
reacting the reactive group of the first and second nucleoside with a first reagent and second reagent, respectively, thereby forming a first modified mononucleoside and a second modified mononucleoside, wherein the second modified mononucleoside is chemically distinct from the first modified mononucleoside.